Nico Rodriguez

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Education	**University of California – San Diego** *La Jolla, CA*	*2013 – 2017*
	Pursuing B.S. Computer Science – currently 3rd year, overall GPA: **3.9**, major: **4.0**	
	International Christian University *Tokyo, Japan (study abroad)*	*9/2015 – 11/2015*
	Recipient of Benjamin A. Gilman International Scholarship, UCEAP Promise Award, Warren College Study Abroad Scholarship	
Extra-Curriculars	Warren College Honors Society	*9/2013 – Present*
	Web Developer & Analyst for TEDxUCSD	*9/2013 – Present*
	Tutor & Grader – **CSE 100:** Advanced Data Structures, **CSE 11:** Intro to CS & OOP	*1/2015 – Present*

Work Experience	**CircleUp** *Software Engineering Intern*	*6/2015 – 9/2015*
	• Full-stack development with Django and Angular.js in an Agile environment	
	• Designed a modern SPA with dynamic & responsive grid system showcasing company profiles with social media content: circleup.com/celebrating-alumni	
	• Implemented site-wide responsive design and protection against XSS	
	Yahoo! *Technical Intern, Mobile*	*6/2014 – 9/2014*
	• Designed and implemented an automated Android compatibility test suite across supported API platforms, running on Android virtual devices with a distributed processing system of master and worker machines	
	• Integrate app performance monitoring of CPU, memory, cold start metrics	
	Intellisis *Software Engineering Intern*	*1/2014 – 6/2014*
	• Wrote scripts to synchronize audio signal data across multiple HTTP servers	
	• Built tools to automate creating and manipulating complex file structures	
	WineDefined *App Developer*	*6/2013 – 8/2013*
	• Wrote an Android app that lists 260 types of wine, and 96 wine terms	
	• Implemented note & photo storing feature with SQLite databases	
	• Published onto Google Play Store: goo.gl/RbLPwB	

Activities	**NASA Robotics Team 254** *Director of Programming & Controls*	*2009 – 2013*
	• Manage team of 100+ high school students in developing code for *FIRST* Robotics	

Personal Projects	**Y!ndoor** *Indoor Maps, Navigation*	*24 hrs in 7/2014*
	• Built an Android app to provide turn-by-turn navigation for navigating to various destinations and conference rooms within the floors of Yahoo!'s main buildings	
	• Utilize device compass to determine orientation, and device's Wi-Fi RSSI signal patterns & strengths to pinpoint destination and current location	
	• Written for Yahoo!'s Q3 Hack Day 2014 (voted #19 out of 200 hacks)	
	BCP Mobile *Student Companion*	*1/2013 – 1/2015*
	• Built an Android app so students can check their grades, news, & announcements	
	• Implemented configurable push notifications if a grade change is detected	
	• Communicate with REST API for user authentication and grade data retrieval	
	• Published onto Google Play Store: goo.gl/W0pyMy	

Skills	• Proficient in Java, Python
	• Familiarity with C++, C, PHP, JavaScript, SQL, HTML & CSS, SPARC Assembly, Verilog, R, MATLAB
	• Experienced with Node.js, LAMP, Django web framework, Angular.js, React
	• Familiar with Android application development, design, and deployment
	• Experienced with UNIX environments, Git, shell scripting
	• SHPE, Society of Hispanic Professional Engineers